



# SPEEDCURE Countertop PRO

## TECHNICAL DATA SHEET

SPEEDCURE Countertop PRO is a pro-formulated solution to complete an epoxy countertop within one day. Developed by Stone Coat Countertops, this professional grade, faster curing resin blend performs closely to our high-end products Stone Coat Countertop Epoxy and Art Coat Epoxy with a much faster curing time. SPEEDCURE Countertop PRO provides a faster curing time that creates more efficiency on your projects and contains UV stabilizers preventing rapid discoloration found in other epoxy resins. While the SPEEDCURE Countertop PRO does contain the maximum UV stabilizers, it is not recommended for white or light-colored counters but is an excellent solution for medium to darker colored countertops and a great option for sealing wood surfaces, knots, and cracks in woodworking projects. Due to the fast-working time it is recommended for experienced DIY epoxy users and professional epoxy contractors looking to get more done in one day.

### Product Features:

- Rapid Setting/Fast Recoat Time
- Superior Adhesion
- Professional Grade
- Good UV stability

### Uses:

- FAST Epoxy Countertop Installations

### Sizes Available:

- 1 gal kit
- 2-gal kit

<b>Recommended Working Conditions</b>	55F-90F
<b>Recommended Humidity Range</b>	30% - 65%
<b>Coverage</b>	See Below
<b>Working Time</b>	30 minutes
<b>Tack Free Time</b>	4 hours
<b>Recoat Time</b>	4-24 hours
<b>Full Cure</b>	3 days*
<b>VOC (%)</b>	No/Low VOC
<b>VOC (g/L)</b>	100% Solids
<b>VOC (Low/High)</b>	Low-VOC
<b>Mix Ratio By Weight</b>	
<b>Mix Ratio By Volume</b>	1A:1B
<b>Tensile Strength (psi)</b>	
<b>Elongation (in/in)</b>	
<b>Heat Deflection (F)</b>	
<b>Compression (psi)</b>	
<b>Elastic Mod</b>	
<b>Flexural Strength</b>	
<b>Resin Color/Clarity</b>	Clear



Stone Coat Countertops  
2612 Kersten Court, Kalamazoo, MI, 49048  
Phone: 541-450-1976  
Website: [www.stonecoatcountertops.com](http://www.stonecoatcountertops.com)

**BEFORE USE: Thoroughly read Safety Data Sheets, product labels and the "SAFETY" section in this Technical Data Sheet.**

## BEFORE YOU BEGIN

**Work Environment:** The ideal working temperature is 72°F but it can be applied between 55-90°F in a clean, dry, dust-free environment. Working in elevated temperature and humidity will shorten the working time. Cooler temperatures will slow the cure of the system. Keep the temperature above 60 degrees for the first 48 hours (about 2 days) of curing.

**Coverage:** When applying 3 ounces (about 88.72 ml) per square foot of project, two coats of epoxy (1 color coat & 1 clear coat) 1/2-gallon epoxy kit = 10 sqft (about the area of a bathtub), 1-gallon epoxy kit = 20 sqft (about twice the area of a bathtub), 2-gallon Epoxy kit = 40 sqft, 4-gallon epoxy kit = 80 sqft.

**Woodworking Seal Coat:** A thin seal coat may be necessary when working with a porous surface or object like live edge slab wood or concrete. We suggest applying a thin coat as a seal coat at 1 ounce (about 29.57 ml) of mixed epoxy per square foot of project to be coated.

**Materials:** Be prepared with all necessary materials and tools before beginning your project. These items might include (but are not limited to) a two-part resin kit (Parts A and B), graduated mixing containers, clean stir sticks or power mixer, gloves, torch, or heat gun, drop cloth, casting molds, etc.

## MIXING & POURING

**Step 1:** Prepare 1 part Resin (Part A) and 1 part Hardener (Part B) by liquid volume. Pour the Hardener (Part B) first and then the Resin (Part A) into a clean, smooth-sided container large enough to hold all the liquid, allowing room for mixing without spillage. Using graduated mixing containers helps to ensure accurately measured amounts of Part A and B. Any variance in this mix ratio may result in curing issues.

**Step 2:** The material must be mixed thoroughly for at least 3 minutes. Be sure to scrape the sides, corners, and bottom of container midway through mixing. Be careful not to whip excessive air into the mixture. If mixing a gallon, use a power mixer to keep from mixing at full speed. For smaller quantities, use stir sticks. Do not mix more than 3 gallons at one time. If you need to mix several batches, be sure to use a clean, dry container for each batch. Using the same container may lead to curing issues.

**Step 3:** Pour the mixed resin into separate cups to mix in colors. We recommend pouring no more than 1/8" per application, depending on mass poured. Depending on the countertop technique desired, apply colored epoxy to your countertop project.



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**Step 4:** To remove air bubbles that have risen to the surface of the poured resin, use a heat gun or torch in a sweeping motion across the surface, holding the heat source 6-10 inches away from the surface until no bubbles remain. Avoid heating any spot for too long to prevent distortions in the finish.

**Step 5:** Curing times can vary by project, depending on mass and the work area temperature. Working time ranges between 55-75 minutes. SPEEDCURE Countertop PRO will be ready for another coat of epoxy in 4 hours with no need to sand if desired. For additional protection, use Stone Coat Countertops Ultimate Top Coat for a final finish. Full cure and maximum hardness can require up to 3 days. Do not use or place any items on your project during this time.

## CLEAN UP & DISPOSAL

Tools can be cleaned with isopropyl alcohol or a residue-free cleaner. Do not use soap and water.

Dispose of products and containers according to Federal, State, and local regulations. Store any remaining product in the original bottles, tightly sealed and locked up in a cool, dry environment.

## SAFETY

**Safety:** Before use, thoroughly read Safety Data Sheets and product labels. Follow safety precautions and directions.

**Resin:** Keep out of reach of children. Avoid breathing vapors. Use adequate general or local exhaust ventilation to minimize exposure levels. If needed, a NIOSH-approved respirator with organic vapor cartridge may be used. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Wear impervious gloves, such as butyl rubber or nitrile rubber. Wash skin thoroughly with soap and water after handling. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical help. Wear eye protection, such as chemical safety glasses/ goggles. If in eyes, rinse cautiously with water for several minutes, removing contact lenses if present and easy to do. If eye irritation persists, get medical help.

**Hardener:** Keep out of reach of children. Do not eat, drink, or smoke when using this product. If swallowed, rinse mouth and get medical help. Use adequate general or local exhaust ventilation to minimize exposure levels. If needed, a NIOSH-approved respirator with organic vapor cartridge may be used. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Wear impervious gloves, such as butyl rubber or nitrile rubber. Wash skin thoroughly with soap and water after handling. Wear eye protection, such as chemical safety glasses/goggles. If in eyes, immediately rinse with water for several minutes, removing contact lenses if present and easy to do. If eye irritation persists, get medical help.

**WARNING: THE EPOXY CURE REACTION IS EXOTHERMIC. Do not apply in thicknesses greater than the recommended maximum application thickness for the product. DOING SO CAN CAUSE WARPING AND POSSIBLY A FIRE.**



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**DISCLAIMER:** The information contained herein is considered accurate; however, Stone Coat makes no warranty regarding its accuracy. The user must determine the suitability of the product for the intended use and accept all risk and liability associated with that use.